

## EDITORIAL

In 21st Century, research in Applied and Fundamental Sciences is very important in order to help the scientific community understand the world around us, solve problems, and improve our lives. Applied and fundamental sciences are often practiced simultaneously in coordinated research and development with a view to leading innovation and progress.

The main purposes of research in applied sciences are:

- a) to develop new knowledge that could potentially be useful in solving real world problems and educating the public on specific issues.
- b) to use scientific theories in order to develop new technologies and techniques
- c) to facilitate advancement in medicine, engineering, agriculture, and more
- d) to use technology to intervene in natural phenomena.
- e) to help improve patient care, such as by developing new drugs, treating insomnia, or preparing patients for surgery
- f) to help improve efficiency and productivity, such as by designing better workplace consoles or selecting employees for specific positions
- g) to help improve crop yields, ensure food safety, and develop sustainable farming methods
- h) to involve collaboration between researchers and practitioners to identify problems and develop solutions.

On the other hand, fundamental research aims

- a) to expand scientific understanding and theoretical knowledge
- b) to drive by curiosity and the desire to understand complex systems
- c) to contribute to the foundation of knowledge that underpins applied research
- d) to study the nature of things for the sake of knowledge
- e) to uncover new frontiers and contribute to the foundation of knowledge.

As a scientific inquiry, both applied and fundamental sciences play crucial roles in advancing scientific understanding and making practical advancements.

With these objectives in mind, we are bringing out ‘The Journal of Applied and Fundamental Sciences’ with a view to devoting to original research in Pure and Applied Sciences.

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Chief Editor